Squeaks Pollination Station

Squeaks is a daring, fearless nature explorer. She's a reliable mouse who is always up for adventure. She's a tough mouse who isn't afraid to get dirty. Living in the wild, she knows a lot of animals that are always eager to help out. Today she has enlisted the help of bees to help you understand the process of pollination!

Pollination: Pollination is the transfer of pollen, from the stamens to the stigma. The pollen is often carried by insects and other animals, but sometimes by wind or water. Self-pollination occurs when pollen lands on the stigma of its own flower or another flower on the same plant. Cross-pollination occurs when pollen is transferred to the stigma of a flower on another plant. Once the pollen grain reaches the stigma, it produces a pollen tube, which grows down through the style to the ovary. This enables a male pollen cell to fuse with the female cell inside the ovule.

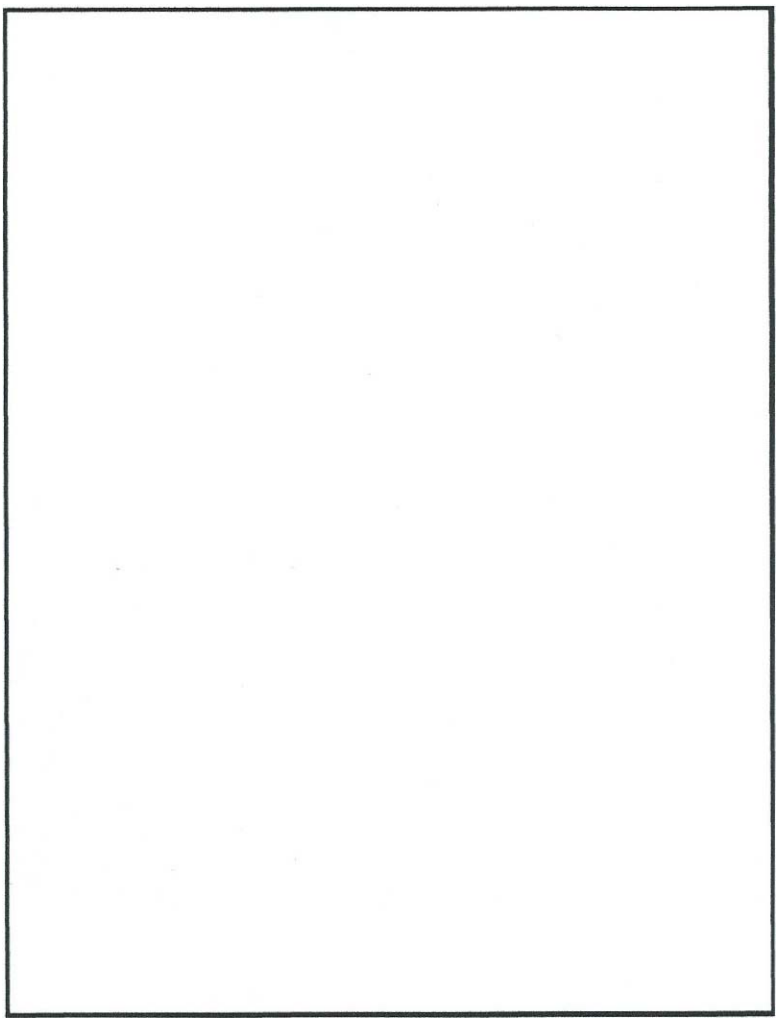
Bees, hummingbirds, bats and other animals can transfer pollen.

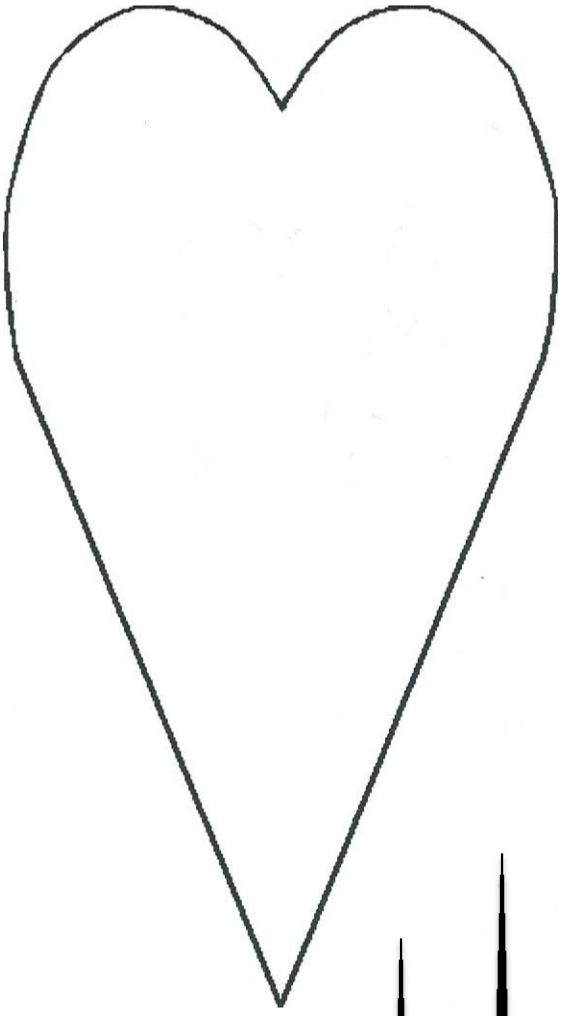
What you'll need:

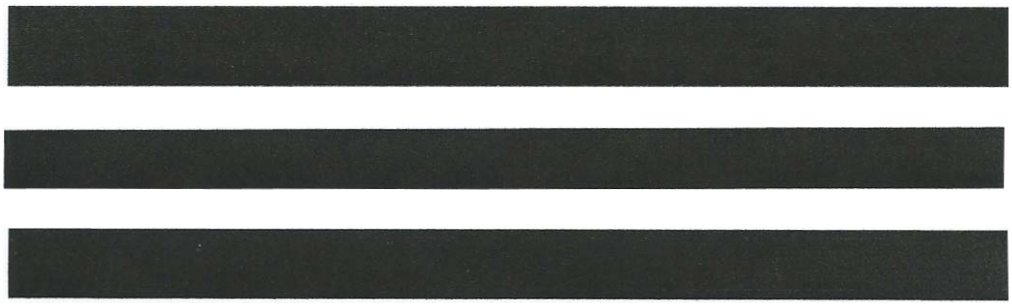
- Bee template
- Glue
- Stapler
- Transparent tape
- Black Chenille Sticks
- Scissors
- Colored sidewalk chalk (separated by color and crushed)
- Containers for different colors of chalk
- Felt flowers

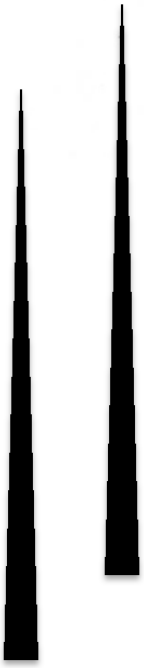
The Activity:

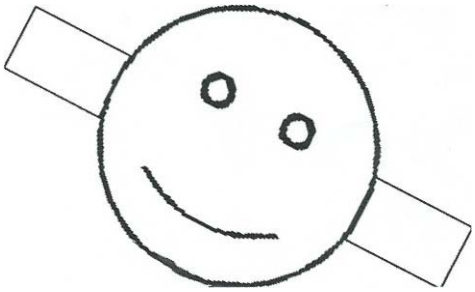
- Set up the pictures of flowers with the crushed chalk around the area.
- Cut out the bee and tape glue or staple it together.
- Attach chenille sticks to the bottom for the legs. (3 stapled in the middle to make 6 legs).
- Explain to the children that all flowers need pollen from other flowers in order to make new flowers.
- Once all of the bees have been made, instruct children to 'land' in the chalk then land on the felt flowers.
- Instruct children to observe the various colors of chalk that are left on the flowers and explain that the transfer of chalk will allow the flowers to reproduce.











COPY ON YELLOW CARD STOCK!